



# Rabbit Anti-Arabidopsis thaliana ACP4 Polyclonal Antibody (CABT-Z574R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of ACP4 derived from Arabidopsis thaliana AT3G05420.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	73 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution.
<b>Ship</b>	Wet ice

# BACKGROUND

Introduction	Arabidopsis acyl-CoA-binding proteins ACBP4 (AT3G05420)and ACBP5 (AT5G27630) are subcellularly localized to the cytosol and ACBP4 depletion affects membrane lipid composition. ACBP4 is expressed in all plant organs. It is involved in fatty acid transport. It plays a role in the biosynthesis of membrane lipids including galactolipids and phospholipids.
Keywords	ACBP4;ACYL-COA BINDING PROTEIN 4;ATACBP4.

# GENE INFORMATION

Gene Name	ACBP4
Entrez Gene ID	<a href="#">819707</a>
UniProt ID	<a href="#">Q9MA55</a>